

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/JP2004/009847

**A. CLASSIFICATION OF SUBJECT MATTER**  
Int.Cl' G06F15/00, 12/00, 12/14

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl' G06F15/00, 12/00, 12/14, 13/00, 15/16, 17/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004  
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Computer Software Database (Japanese Patent Office)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Junji KURODA et al., "Mitsubishi EDI Package 'EDIFOAS/Web'", Mitsubishi Denki Giho, 25 February, 1998 (25.02.98), Vol.72, No.2, pages 36 to 39; ISSN: 0369-2302, particularly, page 38, left column lines 27 to 41; Fig. 3	7,12,13
Y	Yutaka SATO, "Tamokuteki Proxy Server Dele Gate no Kino Shosai", Interface, 01 September, 1995 (01.09.95), Vol.21, No.9, pages 130 to 146, ISSN: 0387-9569, particularly, page 132; Fig.2; descriptions concerning "character code conversion", "external filter function", on the table 2, the same page	7,12,13

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents:  
"A" document defining the general state of the art which is not considered to be of particular relevance  
"E" earlier application or patent but published on or after the international filing date  
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
"O" document referring to an oral disclosure, use, exhibition or other means  
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search  
16 August, 2004 (16.08.04)

Date of mailing of the international search report  
31 August, 2004 (31.08.04)

Name and mailing address of the ISA/  
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-330957 A (International Business Machines Corp.), 30 November, 2000 (30.11.00), Figs. 4, 5 and their explanations & EP 1041496 A2 Figs. 4, 5	1-6, 8-11
A	JP 8-235116 A (International Business Machines Corp.), 13 September, 1996 (13.09.96), Fig. 1, and its explanations & US 5815574 A Fig. 1	2, 3, 5, 6, 9, 10